

NEWTOWN AND L'ANLLWCHAIARN

URBAN DISTRICT COUNCIL

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

AND OF THE

PUBLIC HEALTH INSPECTOR

For the Year 1966

MEDICAL OFFICER OF HEALTH

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County Health Offices,
Kerry Road,
NEWTOWN.

Tel: Newtown 246

PUBLIC HEALTH INSPECTOR.

W. G. Davies, F.B.E., F.F.S., F.R.S.H., A.I.H.M., M.R.I.P.H.
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Kerry Road,
Newtown.

Tel. Newtown 246.

DEPUTY PUBLIC HEALTH INSPECTOR

W. A. Young, Esq., M.P.H.I.A., F.R.S.H., M.R.I.P.H.H.

HEALTH COMMITTEE

CHAIRMAN

Cllr. R. G. Davies

VICE-CHAIRMAN

" J. I. Morris

MEMBERS

" R. J. Brymer-Griffith

" H. Bennett-Lloyd

" J. K. Watson

" P. Hughes

Chairman of the Council.

To the Chairman and Members of the Newtown, Llanllwchaiarn
Urban District Council.

Gentlemen,

Once again it is my duty to submit for your information my annual report on the health and sanitary conditions in your district for 1966.

I have endeavoured to give the information requested by the Welsh Board of Health Circular 1/67.

NATIONAL ASSISTANCE ACT, 1947. Section 47.

This deals with the removal from their homes of persons generally elderly, who are living in insanitary conditions and who are not receiving help from others and are in such a state that their conditions are prejudicial to their health.

No such action was taken in 1966. Whilst one contemplates making use of this Act, one is very reluctant to do so except in very extreme circumstances and when everything else has failed. I am of the opinion that the elderly should be kept in their own homes if this is what they want, and that a friendly eye should be kept on them. Many receive the services of the HomeHelp and some have dinners several times a week provided by the Meals on Wheels Service.

In a comparatively small town such as this most elderly people are known to the authorities and are reasonably well cared for.

WATER SUPPLY

Continued improvements to the supply were carried out by the Montgomeryshire Water Board. Samples of water are taken from the town's supply regularly by the Public Health Department of the local Council. Several of these taken in the Canal region were unsatisfactory bacteriologically. These were reported to the Board and subsequent samples were satisfactory.

SLAUGHTERHOUSES.

The two privately owned slaughterhouses are visited regularly and all the meat is inspected. The quality of the meat is very high and condemnations are very low.

REFUSE TIP.

Our refuse tip was visited by Mr. Cronshaw - an Engineer Inspector from the Welsh Office in June, 1966. He was most concerned about the limited amount of space left for tipping and urged the Council to find immediately a temporary site. He also recommended the use of sufficient and up-to-date mechanical equipment to deal with controlled tipping.

Application was made to the Planning Authority of the Montgomery County Council for controlled tipping at Pen-lan Iame. This was refused. The Council appealed against this decision and an enquiry was held in August and the application was again refused by the Ministry Inspector on Agricultural grounds, whilst admitting the site was satisfactory from a disposal point of view.

Subsequent application to the British Waterways Executive for permission to use a portion of disused canal from the Port House to Dolfor Farm for a temporary site for tipping was turned down.

At the end of the year we were still searching for a site and had requested the County Planning Authority for assistance in finding a site.

Complaints regarding a smoke nuisance from the tip were received from a parent-teacher Association at the High School and also from residents of Wynfields. Refuse is burnt at the tip daily in order to reduce the bulk of refuse because of the limited area left at the tip for tipping. This incineration is carried out mostly after 4p.m. after the school closes in an attempt to obviate the smoke nuisance on the playing fields.

The tip has a boundary fence and the gates are locked at night. Nevertheless it is an attraction to children who are able to get over the fence and set fire to any refuse left about.

The tip is regularly baited for rats.

PUBLIC CONVENIENCES. There are public conveniences at Short Bridge Street and Back Lane and men's urinals at the Cinema and at the Coal Wharf.

All are subjected to an appreciable amount of vandalism especially the urinal at the Coal Wharf.

SEWERS.

No major schemes were commenced in 1966. A deputation went to the Welsh Office in March regarding the proposed sewer via Nantoer. The original scheme for a sewer going via Nantoer and Park Lane was refused but agreement was reached on a new sewer from Maesyrrhandir via Nantoer and Llanidloes Road to the Coal Wharf. At the end of the year approval had been given to go ahead with this scheme.

The Council has long ago given approval for improvement to the outfall sewer, but we are still awaiting approval by the Welsh Office.

FLOODING.

Part of the permanent flood prevention scheme of the Severn River Authority has been carried out at the boundary of the Car Park and the river.

No public warnings of flood were issued in 1966, although there were near to flood conditions and quite extensive flooding of farm land up river from the Town in late November and early December.

HOUSING.

Sixtyfive houses were built by the local authority and twentyfour by private enterprise in 1966.

Approval has been received to build 115 more houses at Maesyrrhandir and by the end of the year tenders had been received and one accepted for the building of these houses.

The majority of the local authority houses were for slum clearance purposes, a few being let to key workers and normal applicants.

A public enquiry was held on the compulsory purchase area in Ladywell Street and at the end of the year tenders were being invited for the demolition of this area with a view to residential redevelopment in this area.

There is a total of about 2,000 houses in this town. In 1955 and subsequently 541 houses were scheduled for clearance and of these 321 have been dealt with.

Method of Slum Clearance:-

By clearance areas - 182 houses.

Individual unfit - 129 "

Houses demolished informally 10 houses.

Total 321

The Council considered and subsequently agreed to purchase an area of land at the rear of Lynwood Milford Road and adjacent to the Crescent Gardens Estate on which it is intended to erect approximately six 1-bedroomed bungalows for the elderly.



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FOOD POISONING.

There were no outbreaks of food poisoning reported in the district.

A local medical practitioner informed me of a case of brucellosis in a farmer producing milk in the district. A visit was paid to the farm where it was learned there had been infected cows. All the milk from this farm is sent for pasteurisation and no raw milk is sold locally. The farmer's family was advised about heat treating milk used on the farm.

VITAL STATISTICS

There were 87 live births which gives a birth rate of 15.82 per 1,000 population. Of these two were still births being a percentage of 2.3 of live births.

There were five illegitimate births, one of which was a still birth. This is 5.6% of total births.

There was one infant death giving a rate of 11.5 per 1,000 live births.

There were 69 deaths from all causes which is a rate of 12.55 per 1,000 population.

I would like to thank all my colleagues on the Council's Staff for their constant help and co-operation in all matters concerning the public health of this town.

I am, Gentlemen,

Your Obedient Servant,

AMELIA EVANS.

STATISTICAL SURVEY

<u>District</u>	<u>Area in Acres</u>	<u>Population</u>		<u>Rateable Value</u>		<u>Product of 1d. Rate</u>	
		<u>1966</u>	<u>1965</u>	<u>1966</u>	<u>1965</u>	<u>1966</u>	<u>1965</u>
Llanidloes	617	2,360	2,370	£ 51,697	£ 51,061	£200	£200
Machynlleth U.D.	1,183	1,810	1,790	£ 52,945	£ 50,710	£200	£207
Newtown U.D.	7,224	5,500	5,490	£165,180	£153,691	£625	£605
Machynlleth R.D.	98,564	2,670	2,710	£ 32,659	£ 31,980	£118	£115
Newtown R.D.	151,231	8,480	8,530	£106,917	£100,459	£397	£371

LIVE BIRTHS

	<u>1966</u>						<u>1965</u>					
	<u>Legitimate</u>			<u>Illegitimate</u>			<u>Legitimate</u>			<u>Illegitimate</u>		
	<u>Male</u>	<u>Female</u>	<u>Total</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
Llanidloes	14	15	29	1	1	2	11	18	29	2	0	2
Machynlleth UD	11	11	22	1	0	1	12	9	21	0	1	1
Newtown U.D.	45	38	83	2	2	4	40	42	82	4	4	8
Machynlleth RD	18	7	25	2	3	5	13	14	27	1	2	3
Newtown R.D.	45	55	100	4	4	8	52	58	110	1	5	6

	<u>Home Confinements</u>		<u>Still Births</u>		<u>Premature Births</u>	
	<u>1966</u>	<u>1965</u>	<u>1966</u>	<u>1965</u>	<u>1966</u>	<u>1965</u>
Llanidloes	2	3	1 (illeg.)	0	5	1
Machynlleth U.D.	0	0	1 twin.	0	0	2
Newtown U.D.	2	7	2 (1 illeg.)	1	4	1
Machynlleth R.D.	0	0	1	0	1	1
Newtown R.D.	6	11	0	0	5	3

BIRTH RATE PER 1,000 POPULATION

	<u>1966</u>	<u>1965</u>
Llanidloes	13.14	13.08
Machynlleth U.D.	12.71	12.29
Newtown U.D.	15.82	16.39
Machynlleth R.D.	11.26	11.07
Newtown/Llanidloes R.D.	12.74	13.60
Urban Areas in County.	15.40	15.13
Rural Areas in County.	13.22	14.82
Montgomeryshire.	14.19	14.95
England and Wales.	17.7	

STILL BIRTH RATE PER 1,000 TOTAL LIVE & STILL BIRTHS

	<u>1966</u>	<u>1965</u>
Llanidloes	32	0
Machynlleth U.D.	43	0
Newtown U.D.	23	11
Machynlleth R.D.	33	0
Newtown/Llanidloes R.D.	0	0
Urban Areas in County	25	15
Rural Areas in County	12	5
Montgomeryshire	18	9
England and Wales.	15.4	

INFANTILE MORTALITY

This refers to the deaths of infants in the first year of life.

INFANT MORTALITY RATE

(Number of infant deaths per 1,000 live births.)

	<u>1966</u>	<u>1965</u>
Llanidloes	32.3	32.3
Machynlleth U.D.	0	0
Newtown U.D.	11.5	33.3
Machynlleth R.D.	33.3	0
Newtown/Llanidloes R.D.	18.5	25.9
Urban Areas in County	14.1	21.6
Rural Areas in County	17.8	13.3
Montgomeryshire	16.1	16.8
England and Wales	19.0	

DEATHS

	<u>1966</u>			<u>1965</u>		
	Male	Female	Total	Male	Female	Total
Llanidloes	18	26	44	33	25	58
Machynlleth U.D.	7	9	16	21	6	27
Newtown U.D.	30	39	69	46	32	78
Machynlleth R.D.	17	26	43	25	13	38
Newtown/Llanidloes R.D.	53	38	91	50	46	96

Death rate per 1,000 population

	<u>1966</u>	<u>1965</u>
Llanidloes	18.64	24.57
Machynlleth U.D.	8.84	15.08
Newtown U.D.	12.55	14.21
Machynlleth R.D.	16.10	14.02
Newtown R.D.	10.73	11.25
Urban Areas in County	13.99	14.09
Rural Areas in County	12.31	12.09
Montgomeryshire	13.02	12.93
England and Wales	11.7	

Infant Deaths.

Llanidloes.

There was one infant death - a girl aged 3 months and the cause of death was bronchopneumonia and fibrocystic disease.

Newtown Urban District.

There was one infant death - a boy who lived for only one day - the cause of death being respiratory failure, hyaline membrane disease and extreme prematurity.

There were three deaths in young children:-

- (1) A girl of 15 months who died from pneumonia.
- (2) A girl of 17 months who died from acute gastro-enteritis.
- (3) A boy age 7 who was accidentally drowned.

Machynlleth Urban District.

There were no infant deaths.

Machynlleth Rural District.

There was one infant death - a girl of 12 hours - death being due to respiratory distress syndrome and hyaline membrane.

Newtown & Llanidloes Rural District.

There were two infant deaths:-

A girl who died after 3 hours from prematurity.

A boy who died at 2 days from prematurity and hyaline membrane.

Two young children died:-

A girl of 17 months from intussusception.

A boy of 2 years from status epilepticus.

POPULATION TREND SINCE 1951

Year	LLANIDLOES M.B.			MACHYNLLETH U.D.			NEWTOWN U.D.			MACHYNLLETH R.D.			NEWTOWN & LLANIDLOES R.D.		
	Pop.	Births	Deaths	Pop.	Births	Deaths	Pop.	Births	Deaths	Pop.	Births	Deaths	Pop.	Births	Deaths
1951	2346	30	26	1875	40	27	5386	90	89	3240	47	65	9343	146	109
1952	2289	31	39	1845	33	26	5376	94	84	3103	42	34	9397	149	100
1953	2323	26	34	1871	24	19	5334	102	60	3100	44	49	9257	127	123
1954	2330	29	45	1860	20	29	5360	83	53	3100	22	43	9240	145	116
1955	2320	27	46	1840	28	25	5360	79	56	3080	38	40	9220	121	121
1956	2330	29	36	1830	25	25	5380	89	68	3040	35	39	9100	140	96
1957	2330	34	28	1830	20	25	5370	82	57	3040	35	51	9100	146	94
1958	2340	31	36	1810	31	25	5360	88	58	3010	36	47	9080	147	114
1959	2330	27	40	1840	23	29	5370	85	76	2980	49	40	9080	134	103
1960	2320	30	28	1800	25	27	5390	85	48	2890	30	44	9010	150	95
1961	2350	28	29	1840	29	39	5450	80	60	2800	25	36	8650	122	93
1962	2360	24	39	1840	34	29	5430	73	84	2840	38	36	8510	139	107
1963	2350	29	48	1840	21	30	5460	92	64	2780	40	44	8490	148	104
1964	2350	38	37	1810	28	26	5490	77	71	2740	29	36	8500	129	89
1965	2370	31	58	1790	22	27	5490	90	78	2710	30	38	8530	116	96
1966	2360	32	44	1810	24	16	5500	89	69	2670	31	43	8480	108	91

CAUSE OF DEATH	LLANIDLOES			MACHYNLLETH U.D.			NEWTOWN U.D.			MACHYNLLETH R.D.			NEWTOWN/LLANIDLOES R.D.		
	1965		1966	1965		1966	1965		1966	1965		1966	1965		1966
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Respiratory Tuberculosis	0	0	0	0	0	0	1	0	1	0	0	0	0	1	0
Other Forms of Tuberculosis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syphilitic Disease	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diphtheria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Whooping Cough	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Meningococcal Infections	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acute Poliomyelitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Measles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Infective and Iarasitic Diseases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoOlasn-stomach	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm-lung and bronchus	2	0	2	0	0	0	2	0	2	1	1	2	1	2	0
Malignant neoplasm-uterus	-	1	1	-	0	0	-	0	0	-	0	0	-	0	0
Malignant neoplasm-breast	-	0	0	-	0	0	0	1	1	-	1	1	-	0	0
Malignant neoplasm-lymphatic Neoplasms	2	3	5	2	1	3	4	0	4	3	6	0	3	4	6
Other Malignant & Lymphatic Neoplasms	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Leukaemia	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Diabetes	4	5	9	2	5	7	4	0	4	0	0	0	0	0	0
Vascular Lesion of Nervous System	10	3	13	4	5	9	1	2	2	9	7	16	5	7	17
Coronary Disease - Angina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hypertension with heart disease	1	3	4	4	3	7	2	5	7	11	3	14	2	4	10
Other Heart Disease	2	2	4	2	5	7	0	0	0	2	1	3	0	2	4
Other Circulatory Disease	0	0	0	0	0	0	1	1	2	0	0	0	0	0	0
Influenza	3	0	3	1	0	1	1	0	0	2	3	5	0	2	8
Pneumonia	3	1	4	0	1	1	1	0	1	5	0	5	0	0	1
Bronchitis	1	0	1	0	0	0	0	0	0	1	1	2	0	0	0
Other Diseases of Respiratory System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ulcer of Stomach and Duodenum	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
Gastritis, Enteritis, Diarrhoea	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
Nephritis, Nephrosis	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Hyperplasia of Prostate	0	-	0	1	-	1	0	0	0	0	0	0	0	0	0
Pregnancy, Childbirth, Abortion	-	0	0	0	0	0	-	0	0	-	0	0	-	0	0
Congenital Malformations	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
Other Defined & Ill-defined Diseases	2	5	7	1	4	5	0	0	7	2	1	3	1	4	6
Motor Vehicle Accidents	0	1	1	0	0	0	0	0	1	0	0	0	0	1	1
All other Accidents	1	0	1	0	0	0	0	0	2	0	0	2	1	2	2
Suicide	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Total:	33	25	58	18	26	44	7	9	16	46	78	30	39	69	53

AGE AT DEATH

AGE	LLANIDLOWS F.B.				MACHYLLTUM U.D.				NANTON U.D.				ST. GYNTHLTH R.D.				LLANIDLOWS R.D.													
	1965		1966		1965		1966		1965		1966		1965		1966		1965		1966											
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F										
Under 4 weeks	0	1	1	0	0	0	0	0	0	1	1	1	0	1	1	0	0	0	0	1	1	0	1	1	0	0	1	1	2	
4 weeks and under 1 year	0	0	0	1	1	0	0	0	0	1	1	2	0	0	0	0	0	0	0	1	2	3	0	0	0	0	0	0	0	
1 - 4 years	0	0	0	0	0	0	0	0	0	2	0	2	0	1	1	0	0	0	0	0	0	0	1	2	3	0	1	2	3	
5 - 14 years	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	
15 - 24 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	2	2	
25 - 34 years	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	6	0	0	0	0	0	
35 - 44 years	0	0	0	0	0	0	0	0	0	0	2	2	0	1	1	0	2	1	0	0	1	0	1	3	0	3	0	3	3	
45 - 54 years	2	1	3	0	3	3	4	2	6	1	0	1	2	1	3	1	0	1	0	0	1	2	1	2	1	2	1	3	3	
55 - 64 years	7	2	9	4	3	7	7	0	7	3	1	4	8	4	12	7	3	10	4	3	7	5	2	7	11	4	15	8	4	12
65 - 74 years	3	5	8	3	4	7	6	2	8	0	3	3	16	7	23	9	8	17	8	4	12	5	7	12	6	7	13	9	12	21
75 years and over	21	15	36	11	15	26	4	2	6	3	5	8	17	16	33	11	26	37	13	4	17	6	14	20	28	32	60	28	17	45
TOTAL	53	25	58	18	26	44	21	6	27	7	9	16	46	32	78	30	39	69	25	13	38	17	26	43	50	46	96	53	53	91

INFECTIOUS DISEASES.

The following diseases are notifiable :-

Scarlet fever, Whooping cough, Measles, Acute poliomyelitis, Diphtheria, Smallpox, Meningococcal infections, Acute encephalitis, Dysentery, Ophthalmia neonatorum, Periperal pyrexia, pneumonia, paratyphoid, food poisoning, erysipelas.

LLANIDLOES.

No infectious disease was notified.

MACHYNLLETH URBAN DISTRICT.

No infectious disease was notified.

NEWTOWN & LLANILLWCHAIARN URBAN DISTRICT.

No infectious disease was notified.

MACHYNLLETH RURAL DISTRICT.

One case of measles in a boy of twelve years.

NEWTOWN & LLANIDLOES RURAL DISTRICT.

Two cases of Measles were notified :-

A boy age 3 years.

A girl age one year.

TUBERCULOSIS.

LLANIDLOES.

Two cases of tuberculosis were notified :-

A man age 60 years with genito-urinary involvement

A woman age 50 years with pulmonary involvement.

Four names were removed from the Register.

- (1) due to recovery - a man aged 32 yrs in 1960 when notified with pulmonary tuberculosis.
- (2) due to recovery - a man of 67 in 1950 when notified with pulmonary tuberculosis.
- (3) due to death - a man of 75 in 1958 when notified with pulmonary tuberculosis.
- (4) due to death - a man of 76 in 1963 when notified with genito-urinary involvement.

There were thirteen names on the register at the end of the year.

MACHYNLLETH URBAN DISTRICT

Two names were put on the Register having come to live in the town:-

- (1) A female of 57 with pulmonary tuberculosis.
- (2) A female of 75 with pulmonary tuberculosis.

Four names were removed from the Register :-

- (1) Due to recovery - a female age 47 in 1961 when notified with abdominal tuberculosis.
- (2) Due to recovery - a female age 28 in 1961 when notified with pulmonary tuberculosis.
- (3) Due to recovery - A boy age 12 in 1962 when notified with pulmonary tuberculosis.
- (4) Due to death - A male age 61 who moved here in 1965 with pulmonary tuberculosis.

There were fourteen names on the Register at the end of the year.

NEWTOWN URBAN DISTRICT.

Three names were put on the Register.

- (1) A man age 40 notified with pulmonary tuberculosis.
- (2) A man age 32 with pulmonary tuberculosis who has come to live in the district.
- (3) A boy age 9 with cervical gland involvement who has come to live in the district.

Three names were removed from the Register:

- (1) Due to recovery - a man age 39 in 1959 when notified with pulmonary tuberculosis.
- (2) Due to recovery - a man age 45 who moved into this area in 1964 and who had suffered from pulmonary tuberculosis.

There were sixteen names on the Register at the end of the year.

MACHYNLLETH RURAL DISTRICT.

One name was put on the Register - a woman age 73 who was suffering from pulmonary tuberculosis.

Three names were removed from the register.

- (1) Due to recovery - a woman who was 33 in 1953 when notified with pulmonary tuberculosis.
- (2) Due to recovery - a woman who was 64 in 1960 when notified with pulmonary tuberculosis.
- (3) Due to death, the woman of 73 who was notified earlier in the year.

There were seventeen names on the Register at the end of the year.

NEWTOWN & LLANIDLOES RURAL DISTRICT

It was rather disturbing to have six new cases of tuberculosis notified during the year.

A woman of 36 and five men, ages 39, 44, 47, 65 and 71 year all with pulmonary tuberculosis.

Six names were removed from the Register.

- (1) Due to recovery - a woman aged 34 in 1948 when notified with pulmonary tuberculosis.
- (2) Due to recovery - a woman age 23 in 1958 when notified with pulmonary tuberculosis.
- (3) Left the district, a man of 76 in 1963 when notified with genito-urinary involvement.
- (4) Changed diagnosis and subsequent death a woman of 57 who moved into this area in 1965.
- (5) Left the district a man of 77 notified in 1963 with pulmonary tuberculosis.
- (6) Due to death the man of 71 notified earlier in 1966.

There were twenty-nine names on the Register at the end of the year.

VACCINATION AGAINST TUBERCULOSIS.

This procedure is offered to children of thirteen years and over during the year I vaccinated children who gave a negative Mantoux reaction at the appropriate schools in the area.

Children who are Mantoux positive are referred to the Chest Physician for further investigation.

Babies are vaccinated by the Chest Physician where there is a family history of tuberculosis.

**

- (3) Diagnosis was changed in a man of 40 who was notified in mid 1966 as suffering from pulmonary tuberculosis.

MASS RADIOGRAPHY

The Unit visited Newtown regularly at about three weekly intervals throughout the year.

<u>1st Quarter</u>	119 examined. 118 General population volunteers. 1 Referred by General Practitioner.
<u>2nd Quarter.</u>	105 Examined. 102 General population volunteers. 3 Referred by General Practitioner.
<u>3rd Quarter</u>	47 Examined. 47 General population volunteers.
<u>4th Quarter</u>	80 Examined. 80 General population volunteers.

SPECIAL SURVEY AT LLYS MALDWYN HOSPITAL

Mental patients.	97
Nursing Staff.	26
Other Staff.	15
General Population	5.

GENERAL PROVISION OF HEALTH SERVICES THROUGHOUT THE DISTRICT.

Ambulance.

The local service consists of the St. John Ambulance and is responsible to the Ambulance Committee of the County Council Health Committee.

Telephone, after 5.30p.m. Newtown 6866 or 273
 Caersws 236 or 201
 Llanidloes 381 or 213
 Machynlleth 2158 or 2179

Between 9a.m. and 5.30p.m. calls should be made to Newtown 6734.

Sitting Car Service. All enquiries should be made to:

County Health Office. Newtown Tel. Newtown 6734.

Children's Officer.

This Office is established by the County Council under the terms of the Children's Act, 1948.

The children's officer is :-

Mr. W. E. Jones,
County Offices,
Welshpool.

Tel: Welshpool 3311.

Domiciliary Midwifery and Home Nursing.

The district is served by the following nurses who combine district nursing and midwifery.

Miss C. Lloyd Jones,
Bryneglwys, Newtown.
Tel. Newtown 497.

Newtown, Mochdre, Dolfor,
Kerry, Sarn, Abermule.

Miss E. M. Savage,
Glanhafren,
Pool Road,
Newtown.
Tel. Newtown 510.

Tregynon, Bettws, New Mills,
Manafon, Adfa, Bwlchyffridd.

Mrs. R. E. Jones,
Dudley House, Llanidloes.
Tel. Llanidloes 244.

Llanidloes, Llangurig,
Cwmbelan, Old Hall.

Mrs. J. A. Griffiths,
Tynycoed, Llandinam.
Tel. Caersws 344

Llandinam, Oakley Park,
Llidiartywaen.

Mrs. C. Hamer,
19, Garden Suburb,
Llanidloes.
Tel. Llanidloes 423.

Caersws, Llanwynnog, Aberhafesp
part of Mochdre, Trefeglwys.

Mrs. A. S. Peate,
Y Glyn, Carno.
Tel. Carno 215.

Carno, Clatter, Pontdolgoch,
Llanbrynmair, Bont, Staylittle,
Talerddig.

Mrs. S. Jones,
Clegyrnant, Llanbrynmair.
Tel. Llanbrynmair 280

Machynlleth, Derwenlas,
Cemmaes, Cemmaes Rd. Cwmlline,
Aberhosan, Abercegir, Commis
Coch, part of Aberangell.

Mrs. P. Edwards,
Llawrcoed Ucaf,
Llanbrynmair,
Tel. Llanbrynmair 325.

Relief Nurse for Machynlleth
and Llanbrynmair Districts.

Health Visitors.

Miss Baker	covers Machynlleth Urban and Rural Districts and also Carno.
Miss Lewis.	covers the area of Llanidloes, Llangurig, Llandinam, Staylittie, Llawryglyn and Trefeglwys.
Miss N.L. Jones.	is responsible for Newtown, Dolfor and Mochdre.
Mrs. E.F. Humphreys.	covers Sarn, Kerry, Abermule, Tregynon, Caersws, Clatter and Aberhafesp.
Mrs. Ryher.	Covers Cefn Coch, New Mills in addition to a large part of Forden and Llanfyllin Rural Districts.

Home Help Service.

This service continues to provide domestic help in many and varied circumstances in the care of elderly in their homes and in cases of sickness and home confinements.

For further information apply to :-

The Home Help Organiser,
Mrs. Rhoda Goodwin,
County Health Office,
Newtown, Tel. Newtown 6734.

Hospitals.

The following hospitals are situated in the district :-

County Infirmary, Newtown.
Llanidloes and District Hospital.
Machynlleth, Corris and District Hospital.

These all take surgical, medical and maternity cases and are controlled by the Mid-Wales Hospital Board, Aberystwyth.

Laboratory Service.

Constant use is made of both the Public Health Laboratories at Shrewsbury and Aberystwyth.

Maternity and Child Welfare.

The County Council is responsible for this service and infant welfare clinics are held regularly throughout the district :-

Newtown Park St. Clinic, every Wednesday afternoon.
Llanidloes Clinic 2nd & last Wednesday afternoon.
Caersws, School Room Presbyterian Chapel, last Friday afternoon.
Machynlleth, Doll Street Clinic, second and fourth Tuesday afternoon.
Llanbrynmair, Village Hall, second Thursday afternoon.

Tuberculosis.

This service is controlled by the regional hospital board and the chest physician, Dr. G.O. Thomas holds clinics in this area :-

Newtown County Infirmary, second and fourth Tuesdays, 11a.m.
Llanidloes Hospital, Saturday before last Tuesday, 10.30a.m.
Machynlleth Chest Hospital every Wednesday 10a.m.

Vaccination against Small Pox.

The procedure is encouraged at the age of 12 months and is mostly carried out by general practitioners.

I vaccinate at Machynlleth Clinic and also at Llanbrynmair Clinic.

Protection against Diphtheria, Whooping Cough, Tetanus and Poliomyelitis.

The following schedule is the one most commonly adopted :-

3	months	-	Diphtheria, Whooping Cough and Tetanus.
4	"	"	"
5	"	"	"
6	"	-	1st oral polio.
7	"	-	2nd oral polio.
8	"	-	3rd oral polio.

Small pox after 1st birthday.

School entry Booster diphtheria and tetanus
 4th polio.

8 - 12 years Booster diphtheria and tetanus
 Small pox re-vaccination.

13 years B.C.G. Baccination.

MONTGOMERYSHIRE WATER BOARD

Water Supplies.

- a. The water supply of the area has been in general satisfactory both in quality and in quantity.
- b. i. Bacteriological examination of all the sources in the area is carried out regularly, examination being made primarily of treated water but with occasional raw water samples being taken.

The results of bacteriological examinations of supplies in the area are given in Appendix 'A'.

ii. One sample for chemical analysis is normally taken from each source annually. During 1966, 17 No. analyses were carried out and the results indicate that all sources are satisfactory for public water supply.

These results are attached.

iii. Fluoride content of the various supplies is less than 0.001 p.p.m.

- c. The only water having certain plumbo-solvent action is from the borehole source at Llangurig. Precautionary measures are under investigation at present.

- d. The normal measures taken following the report of unsatisfactory samples are to increase the dosage of sodium hypochlorite and to carry out a systematic flushing of mains, with a further sample being taken.

The mains from the source at Llanbrynmair, where the bulk of unsatisfactory samples have been obtained, have been flushed over their whole length and at present samples from this source and all the Board's sources in the area are highly satisfactory.

- 4. The number of dwelling houses supplied direct from the mains and by stand-pipe are given in the attached Appendix 'B'. It is unfortunately not possible to give an accurate figure for the population supplied.

MONTGOMERYSHIRE WATER BOARDSAMPLES, 1966

Source	Chemical	Bacteriological				Total
		Satisfactory		Unsatisfactory		
		Raw	Treated	Raw	Treated	
Adfa	1	-	2	-	3	5
Manafon	-	-	4	-	-	4
Tregynon	-	-	3	-	3	6
Kerry	3	-	5	-	-	5
Sarn	1	-	5	-	-	5
Carno	1	-	5	-	-	5
Llanwnnog	-	-	3	-	-	3
Caersws	1	-	10	-	-	10
Draintewion	1	-	4	-	1	5
Cwmffrwd	1	-	5	-	-	5
Dolfor	1	-	3	-	-	3
Newtown	1	-	12	-	2	14
Llanidloes	2	-	12	-	-	12
Cwmbelan	1	-	4	1	-	5
Llangurig	1	-	3	-	1	4
Cwmllinau	-	-	3	-	-	3
Cemmaes	-	1	2	2	2	7
Llanbrynmair	2	-	16	7	9	32
Ceinws	-	-	-	-	1	1
Machynlleth	1	2	15	2	-	19
Abercegir	-	2	5	-	-	7
Aberangell	-	-	1	-	-	1
	18	5	122	12	22	161

CHEMICAL AND PHYSICAL EXAMINATION OF WATER

PHYSICAL.																
Colour (Hazen)	Turbidity	Conductivity @ 20°C (micromhos/cm)	Total Solids @ 180°C (mg/l)	pH.	CHEMICAL											
Chloride (Cl)	Ammonia, Free & Saline (N)	Ammonia, Albuminoid (N)	Nitrate (N)	Nitrite (N)	Oxygen dissolved	Oxygen absorbed	Alkalinity (CaCO ₃)	Total Hardness (CaCO ₃)	Calcium (CaCO ₃)	Non Carbonate Hardness	Free Carbon Dioxide	Iron (Fe)	Aluminium (Al)	Lead (Pb)	Manganese (Mn)	Free Chlorine
Llanbrynmair	17.5.66	0	0	0	0	0	0	0	0	0	0	0.020	0.10	0	0	0
Machynlleth	17.5.66	0	80	75	130	50	190	290	170	200	190	0	0	0	0	0
Llangurig Borehole		0	130	50	6.10	6.72	7.05	7.30	115	10.00	7.42	0	0	0	0	0
Cembelan	11.10.66	0	4	0	12	0.025	0.015	0.025	14	16	16	0	0	0	0	0
Carno Borehole	11.5.66	0	0	0	20	0	0.025	1.20	1.5	0	0	0	0	0	0	0
Newtown	27.4.66	0	0	0	14	0	0.030	1.5	0	0	0	0	0.10	0	0	0
Caersws	27.4.66	0	0	0	16	0	0.040	0	16	16	16	0	0	0	0	0
Cwmffrwd	8.6.66	0	0	0	16	0	0	0	0	0	0	0	0.16	0	0	0
Draintewion	8.6.66	0	6	0	18	0	0	0.5	0.018	0	0	0	0.24	0	0	0
Adfa	8.6.66	0	20	10	15	0.050	0.075	0.30	0.016	0	0	0	0	0	0	0
Llanidloes	11.5.66	0	100	20	8	0	0	1.0	8.24	0	0	0	0.40	0	0	0
Llanidloes	13.7.66	20	100	30	12	0	0.090	0.70	8.88	0	0	0	0.6	0	0	0
Kerry Borehole	3.8.66	0	410	280	32	0.050	0.050	2.4	8.08	0	0	0	0.04	0	0	0
Kerry (Treated)	18.10.66	0	390	240	21	0	0	0.90	0.008	0	0	0.08	0	0	0	0
Kerry (Untreated)	18.10.66	0	375	235	18	0	0	0.20	6.16	0	0	0.020	0	0	0	0
Sarn Borehole	3.8.66	0	350	235	32	0.070	0.040	3.9	8.76	0	0	0	0	0	0	0
Stepaside (Dolfor Borehole)	11.10.66	0	250	145	22	0.015	0.020	1.90	8.64	0	0	0	0	0	0	0

MONTGOMERYSHIRE WATER BOARDConnections to MainsDwelling Houses

<u>Area</u>	<u>Supplied Direct</u>	<u>By Stand Pipe</u>
Llanidloes Borough	1,176	3
Machynlleth U.D.C.	781	-
Machynlleth R.D.C.		
Caereinion Fechan	3	-
Cemmaes	103	11
Darowen	35	18
Isygarreg	45	-
Llanbrynmair	105	-
Llanwrin	85	-
Penygoes	51	-
Uwchygarreg	20	-
Newtown & Llanllwchaiarn U.D.C.	2,012	151
Newtown & Llanidloes R.D.C.		
Aberhafesp	4	-
Bettws	35	-
Carno	90	5
Kerry	172	4
Llandinam	135	4
Llangurig	55	14
Llanidloes (Without)	23	-
Llanllugan	-	-
Llanwmog	27 ¹ / ₄	-
Llanwyddelan	27	1
Manafon	31	-
Mochdre	23	-
Penstrowed	-	-
Trefeglwys	-	-
Tregynon	51	-

To: The Chairman and Members of the Newtown and Llanllwchaiarn Urban
District Council

Once again I submit the Annual Report of the work carried out by the Public Health Inspectors during the year 1966. The period was one of increasing activity due to increased legislation and the work arising therefrom.

Work proceeded under the Offices, Shops and Railway Premises Act and much improvement was achieved in general due to the service of informal notices where defects and contraventions existed.

The work of slum clearance also continued as a result of which there has been a considerable improvement in housing in the Newtown area. This is but one example of the conscious ordering of things affecting the public health which have occurred over the last few years. Much more, however, needs to be done, particularly in the field of housing and it is rather disappointing to note that sufficient advantage has not been taken by owners of property of the Improvement Grant system, whereby existing housing could be substantially improved.

At the end of the year approval was given for the Council to proceed with the new sewer from Maesyrhandir, via Nantoer, along Llanidloes Road to the Coal Wharf. This was certainly a step forward as the hamlet at Nantoer can now be considered for connection to the Council's sewer.

It was a source of disappointment that the Green Brook scheme did not come to fruition during the year. This matter is one of great urgency, particularly from the point of view that the culvert from the Coal Wharf under the Ladywell area and discharging at the Gravel had indeed collapsed in several places and could be considered a source of danger to life and limb.

Once again the number of inspections carried out show the considerable amount of work done in the field of environmental health. Figures also illustrate the wide and varied range of the work of the Public Health Inspector.

Yours obediently,

W.G.Davies

Surveyor and Chief Public
Health Inspector.

INSPECTION OF THE AREA

The inspections made by the Public Health Inspectors during the year numbered 5,514 and details as to the nature of these inspections are given below:-

Summary

1. Number of houses inspected for housing defects (under the Public Health Acts)	136
2. Number of houses inspected for other than housing defects	50
3. Premises other than houses inspected (including visits to Industrial Premises)	3370
4. Premises re-inspected (including houses)	752
5. Works in progress (including houses)	162
6. Miscellaneous visits	1044
	<hr/>
	5514

1. Slaughterhouses	155
2. Visits to premises where food is prepared or exposed for sale.	201
3. Visits to premises where Ice Cream is prepared or sold..	20
4. Visits to Bakehouses	15
5. Visits to Fish Shops	44
6. Visits to Food Stalls	185
7. Dairies, Milk Shops and Vehicles	20
8. Cafe and Restaurants	149
9. Visits to Butchers Shops	52
10. Offices, Shops and Railway Premises Act, 1963	96
11. Factories with mechanical power	45
12. Factories without mechanical power	2
13. Visits to schools	8
14. Visits to Tents, Vans and Sheds	13
15. Visits to Council House applicants	12
16. Drains tested	6
17. Smoke observations made	10
18. Urinals and Public Conveniences	305
19. Visits under the Petroleum Acts	27
20. Visits re collection or disposal of refuse	140
21. Rodent Control	218
22. Building Regulations Inspections	28
23. Council House inspections	1993
24. Water Supply	-
25. District Roads	134
26. Milk Samples	20
27. Outworkers premises	4

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963.

Inspections made in 1966.

1. Catering Establishments	11
2. Wholesale premises	4
3. Shops	58
4. Offices	23
	96

INSPECTION OF DWELLINGHOUSES

Total number of houses inspected for housing defects (under the Public Health Acts)	136
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Repairs: Informal Action

Number of houses unfit but rendered fit during period as a result of informal action	21
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Action taken under Statutory Powers

Number of Houses in which defects were remedied after service of formal notice:-	
(a) By owners	-
(b) By Local Authority in default of owners -	-

HOUSING STATISTICSNumber of Houses erected since 1945:-

By Local Authority	516
By Private enterprise	229

Number of Houses erected during 1966:-

By Local Authority	65
By Private enterprise	24

IMPROVEMENT GRANTS1. Standard Grants

(a) No. of applications received	7
(b) No. of applications approved	7
(c) No. of applications refused	Nil

Total amount paid in grants £993. 14. 6d.

2. Discretionary Grants

(a) No. of applications received	9
(b) No. of applications approved	7
(c) No. of applications refused	2

Total amount paid in grants £4,748. 18. 9d.

MEAT INSPECTION

Routine meat inspection at the private slaughterhouses at Great Brimmon and Lower Brimmon was carried on throughout the year. The high quality of the animals slaughtered reflects on the low figure of condemnations

	<u>Cattle</u>	<u>Calves</u>	<u>Sheep</u>	<u>Pigs</u>	<u>Total</u>
Number killed	97	-	461	136	694
Number inspected	97	-	461	136	694
<u>Diseases other than T.B.</u>					
Whole carcasses	-	-	2	-	2
Part carcasses	-	-	-	-	-
Percentage of number inspected with diseases other than T.B. ..	-	-	0.43	-	0.29
Whole carcasses (T.B.only)	-	-	-	-	-
Part carcasses condemned (T.B.only)	-	-	-	2	2

Condemned food is disposed of at the Council's Refuse Tip under supervision and all condemned meat covered with dye to render unsaleable.

WATER SUPPLY

Of the 20 samples of water taken for bacteriological examination, 5 were reported to be unsatisfactory. The Montgomeryshire Water Board were informed immediately on receipt of the bacteriologist's report.

INSPECTION OF FOOD AND FOOD PREMISES

During the year 7 cwts. 82 lbs. of foodstuffs, including canned foods, were condemned as unfit for human consumption.

FACTORIES ACT, 1961Part 1 of the Act

Inspections for purposes of provisions as to health (including inspections made by Public Health Inspectors)

<u>Premises</u>	<u>Number on Register</u>	<u>Number of Inspections</u>	<u>Written Notices</u>	<u>Occupiers Prosecuted</u>
(i) Factories in which Sections 1,2, 3,4 & 6 are to be enforced by Local Authorities	2	2		
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	47	45	-	-
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	-	-	-	-
Total	49	47	-	-

There were no cases in which defects were found in respect of (1) want of cleanliness (Section 1) (2) Overcrowding (Section 2) (3) Unreasonable temperature (Section 3) and (4) Inadequate ventilation (Section 4).

Sanitary Conveniences (Section 7) - One case of an unsuitable or defective sanitary convenience was found by H.M. Inspector of Factories.

Part VIII of the Act - Outwork

There are no premises in this district to which this part of the Act is applicable, with the exception of one person making wearing apparel and no contraventions have occurred in this one case.
